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PTO/SB/08A (08-00)

<p>Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)</p>				Complete if Known	
				Application Number	10/044,708
				Filing Date	October 22, 2001
				First Named Inventor	Yongchang Qiu et al
				Group Art Unit	1743
				Examiner Name	Wallerhorst
Sheet	1	of	2	Attorney Docket Number	GII5412-1AUSA

U.S. PATENT DOCUMENTS					
Examiner Initials ¹	Cite No. ²	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited document MM-DD-YYYY
		Number	Kind Code ³ (if known)		
mw	AA	4,977,320	B1	S. Chowdhury	12/11/1990
mw	AB	5,245,186	B1	B. Chait	09/14/1993
mw	AC	5,288,644	B1	R. Beavis	02/22/1994
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mw	AE	5,643,798	B1	R. Beavis	07/01/1997
mw	AF	5,792,664	B1	B. Chait	08/11/1998

FOREIGN PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ²	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Office ³	Number ⁴	Kind Code ³ (if known)		
mw	AL	WO	WO93/24834	A1	B. Chait	12/09/1993
mw	AM	WO	WO91/04781	A1	R. Beavis	04/18/1991
mw	AN	WO	WO00/11208	A1	R. Aebersold	03/02/2000

Examiner Signature	Maureen Wallerhorst	Date Considered	9-22-04
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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/02B (02-00)

<p>Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)</p>				Complete if Known	
				Application Number	W07044,708
				Filing Date	October 22, 2001
				First Named Inventor	Yongchang Qiu et al
				Group Art Unit	1743
Examiner Name	Wallenhorst				
Sheet	2	of	2	Attorney Docket Number	GII5412-1AUSA

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
MW	AR	E. KRAUSE et al, "The Dominance of Arginine-Containing Peptides in MALDI-Derived Tryptic Mass Fingerprints of Proteins", Analytical Chemistry, 71(19)4160-4165 (October, 1999)		
MW	AS	M. MANN, "Quantitative Proteomics?", Nature Biotechnology, 17:954-955 (October, 1999)		
MW	AT	S. SECHI et al, "Modification of Cysteine Residues by Alkylation. A Tool in Peptide Mapping and Protein Identification", Analytical Chemistry, 70(24):5150-5158 (December, 1998)		
MW	AU	S. GYGI et al, "Quantitative Analysis of Complex Protein Mixtures Using Isotope-Coded Affinity Tags", Nature Biotechnology, 17:994-999 (October, 1999)		
MW	AV	D. FENYO et al, "Protein Identification Using Mass Spectrometric Information", Electrophoresis, 19:998-1005 (1998) NO MONTH		

Examiner Signature	Maureen Wallenhorst	Date Considered	9-22-04
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PTO/SB/088 (03-00)

<p>Substitute for Form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p>				<p>Complete If Known</p>	
				Application Number	10/044,708
				Filing Date	October 22, 2001
				First Named Inventor	Yongchang Qiu et al
				Group Art Unit	1743
				Examiner Name	Wallenhorst
Sheet	1	of	1	Attorney Docket Number	GIIS412-1AUSA

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Signature	Maureen Wallenhorst	Date Considered	9-22-04
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Form PTO 1449 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE O P E R A T I O N SEP 01 2004 PATENT & TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT (Use Several Sheets if Necessary)	DOCKET NO.		SERIAL NO.		
	9550-019-27		10/044,708		
	APPLICANT				
	YONGCHANG QIU, ET AL.				
FILING DATE		GROUP ART UNIT			
OCTOBER 22, 2001		1643 1743			
U.S. PATENT DOCUMENTS					
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
AA					
AB					
AC					
FOREIGN PATENT DOCUMENTS					
	DOCUMENT NUMBER	DATE	COUNTRY		TRANSLATION YES NO
MW	AD	WO 02/48717	6-20-2002	WIPO	
	AE				
	AF				
	AG				
	AH				
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)					
MW	AI	McKendrick, et al., "Rapid Mass Spectrometric Determination of Preferred Irreversible Proteinase Inhibitors in Combinatorial Libraries", International Journal of Mass Spectrometry, 176(1-2):113-124 (1998). <i>no month</i>			
	AJ	Sechi, et al., "Modification of Cysteine Residue By Alkylation - A Tool in Peptide Mapping and Protein Identification", Analytical Chemistry, American Chemical Society, 70(24):5150-5158 (1998). Previously cited.			
	AK	Gygi, et al., "Quantitative Analysis of Complex Protein Mixtures Using Isotope-Coded Affinity Tags", Nature Biotechnology, 17(10):994-999 (1999). Previously cited.			
	AL	Krause, et al., "The Dominance of Arginine-Containing Peptides in MALDI-Derived Tryptic Mass Fingerprints of Proteins", Analytical Chemistry, 71(19):4160-4165 (1999). Previously cited.			
MW	AM	Brancia, et al., "Improved Matrix-Assisted Laser Desorption/Ionization Mass Spectrometric Analysis of Tryptic Hydrolysates of Proteins Following Guanidination of Lysine-Containing Peptides", Rapid Communications in Mass Spectrometry, 14(21):2070-2073 (2000). <i>no month</i>			
MW	AN	Kratzer, et al., "Suppression Effects in Enzymatic Peptide Ladder Sequencing Using Ultraviolet - Matrix Assisted Laser Desorption/Ionization - Mass Spectrometry", Electrophoresis, 19(11):1910-1919 (1998).			
EXAMINER <i>Maureen Wallenhorst</i>			DATE CONSIDERED <i>9-22-04</i>		
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